

Bridge Inspection									
Bridge File Number	08415 -1 Bridge				Form Type	TT			
Year Built/Year Supstr	1910/1910				Lot No.	4			
Bridge or Town Name	MANYBERRIES				Inspector Name	Jon Davies			
Located Over	TRAIL-ANIMAL, OVER SP				Inspector Class	BR CLS B			
Located On	501:08 C1 43.979				Assistant Name				
Water Body Cl./Year					Assistant Class				
Navigabil. Cl./Year					Inspection Date	20-Jun-2012			
Legal Land Location	NW SEC 22 TWP 3 RGE 7 W4M				Data Entry By	Lauren Korte			
Longitude, Latitude	-110:52:43, 49:13:41				Data Entry Date	17-Jul-2012			
Road Authority	Alberta Transportation (AIT)				Reviewer Name	Garry Roberts			
Contract Main. Area	CMA24				Review Date	01-Jul-2012			
Clear Roadway/Skew	9.6 /				Dept. Reviewer Name	Tim Davies			
AADT/Year	70 / 2011 (A)				Dept. Review Date	30-Jul-2012			
Road Classification	RCU-209-110				Follow-Up By				
Detour Length (km)	10								
Allowable Load (t):	Single			Semi			Train		----> On Critical Spans ---->Critical Member
Design Loading:									----> Primary Span

Posting Information									
Required Vert. Clearance Posting (m)									
Posted Vertical Clearance (Y/N)									
Posted:	Lane	NB	On Bridge (m)	In Advance (Y/N)	Lane	SB	On Bridge (m)	In Advance (Y/N)	
Remarks	Not required.								
Required Load Posting (t)			Single		Semi		Truck Train		
Posted Loading (t)			Single		Semi		Truck Train		
Posted:	Lane	NB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)	No	
Posted:	Lane	SB	At Junction (Y/N)	No	In Advance (Y/N)	No	At Bridge (Y/N)		
Remarks	Not required								

Hazard Marker At Bridge (Y/N)	No
Remarks	
Other Sign Types	

Utilities (Located at)			
Utility Attachments			
Telephone	West ROW.	Gas	
Power		Municipal	
Others		Problem (Y/N)	No
Remarks			

Approach Road				
		Last	Now	Explanation of Condition
Horizontal Alignment		6	6	Curve North.
Vertical Alignment		8	8	
Roadway Width (m)	8.700			
Approach Bump		6	6	
Guardrail (Y/N)	No			
Guardrail		X	X	
Length (m)				
Current Standard (Y/N)				
Termination Type				
Drainage		7	7	
<b>Approach Road General Rating</b>		<b>6</b>	<b>6</b>	

Superstructure						
Bridge Component				Last	Now	Explanation of Condition
(Primary Span : TP, 1 Spans, Lengths(m): 1.8, A-Ident Number: )						
<b>Special Features</b>						
Special Feature					X	
(Type : )						
Special Feature					X	
(Type : )						
<b>Wearing Surface/Deck Top Detail Ratings</b>						
	N (%)	1 (%)	2 (%)	3 (%)		
<b>Last</b>	1	0	0	0		
<b>Now</b>	1.0	0.0	0.0	0.0		
Wearing Surface/Deck Top				N	N	0.6m of cover.
(Material Type : )						
(Plank Thickness(mm) : )						
(Plank Width(mm) : )						
Deck Rideability				7	7	Approach Road.
Wheel Guards				X	X	
(Curb Type : )						
(Type : )						
(Thickness(mm) : )						
(Width(mm) : )						
Bridge Rail				X	X	
(Type : )						
Bridge Rail Posts				X	X	
(Type : )						
Bridge Rail/Posts Coating				X	X	
(Type : )						
(No. of Stringers : <b>Null</b> )						
Stringer Detail Ratings						
	N (count)	1 (count)	2 (count)	3 (count)		2 layers of planks on roof. 1 cracked plank at West end. Location at West road surface.
<b>Last</b>						
<b>Now</b>						
Stringers				7	5	
(Type : )						
(Width(mm) : )						
(Depth(mm) : )						
(Spacing(mm) : )						
Sub Deck/Deck Underside				X	X	
(Material Type : <b>TREATED TIMBER</b> )						
(Plank Thickness(mm) : <b>100</b> )						
(Plank Width(mm) : )						
Defects (Percent Area)						
<b>Span Alignment Problems</b>						
Vertical (Y/N)	No					
Horizontal (Y/N)	No					
<b>Superstructure General Rating</b>				<b>7</b>	<b>5</b>	

Substructure										
Bridge Component		Last	Now	Explanation of Condition						
<b>Abutments</b>										
(Extended Backwall Piles (Y/N) : <b>N</b> )		16m long.								
(Extended Backwall Piles Spacing(mm) : )										
(Total Number of Caps/Corbels : : )		Signs of delay at timber ends.								
Bearing Seats/Caps/Corbels Detail Ratings										
	N (count)						1 (count)	2 (count)	3 (count)	
<b>Last</b>	0						0	0	0	
<b>Now</b>	0						0	0	0	
Bearing Seats/Caps/Corbels							6	4		
(Type : <b>TREATED TIMBER</b> )										
(Depth(mm) : <b>145</b> )										
(Width(mm) : <b>330</b> )										
Backwalls/Breastwalls			7	5						
Greatest Height (m)		2.40								
Wingwalls			X	X						
(Total Number of Bearing Piles : <b>8:8</b> )										
Piles Detail Ratings										
	N (count)	1 (count)	2 (count)	3 (count)						
<b>Last</b>	0	0	0	0						
<b>Now</b>	0	0	0	0						
Piles			7	5						
Paint/Coating			X	X						
Abutment Stability			7	5						
Scour/Erosion			8	8						
<b>Piers/Bents</b>										
(Type : )										
(Total Number of Caps/Corbels : )										
Bearing Seats/Caps/Corbels Detail Ratings										
	N (count)	1 (count)	2 (count)	3 (count)						
<b>Last</b>										
<b>Now</b>										
Bearing Seats/Caps/Corbels			X	X						
(Type : )										
(Depth(mm) : )										
(Width(mm) : )										
(Total Number of Bearing Piles : )										
Piles Detail Ratings										
	N (count)	1 (count)	2 (count)	3 (count)						
<b>Last</b>										
<b>Now</b>										
Pier Shaft/Piles			X	X						
Greatest Height (m)										
Bracing/Struts/Sheathing			7	5						
Nose Plate			X	X						

Substructure				
Bridge Component		Last	Now	Explanation of Condition
Paint/Coating		X	X	
(Colour Description : )				
(Colour Code : )				
Pier Stability		X	X	
Scour		X	X	
Debris (Y/N)	No			
<b>Substructure General Rating</b>		<b>6</b>	<b>4</b>	

Structure Usage				
		Last	Now	Explanation of Condition
<b>Grade Separation</b>				
Road Alignment		7	7	
Traffic Safety Features		X	X	
Type				
Slope Protection		7	7	
(Type : <b>NATURAL</b> )				
Bank Stability		7	7	
Drainage		7	7	
<b>Grade Separation General Rating</b>		<b>7</b>	<b>7</b>	

Maintenance Recommendations							
Inspector Recommendations	Year	Inspector Comments	Department Comments	Target Year	Est. Cost	Cat #	
REPAIR/REPLACE BRIDGE RAIL							
PATCH DECK							
REPLACE STRIP DECK							
REPLACE SUB DECK							
STRAIGHTEN/REPLACE MEMBERS							
WASHING							
CORE TIMBER CAPS/CORBELS							
REPAIR/REPLACE TIMBER CAPS							
REPAIR ABUTMENT SCOUR/EROSION							
PLACE ADDITIONAL RIP RAP							
REMOVE DRIFT ACCUMULATION							
INSTALL STRUTS							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
OTHER ACTION							
<b>Structural Condition Rating (Last/Now) (%)</b>	<b>72.2/50.0</b>	<b>Sufficiency Rating (Last/Now) (%)</b>	<b>66.2/58.2</b>	Est. Repl. Yr	2016	Maint. Req. (Y/N)	No
Special Comments for Next Inspection	Structure does not appear to be in use and could be removed in the future.		Department Comments				
Maintenance Reviewed By			Date			Estimated Total	0
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Garry Roberts		Previous Assistant's Name				
Next Inspection Date	20-Sep-2015		Previous Inspection Date	16-Jun-2009			
Inspection Cycle (Default) (months)	39						
Comment							